

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C.371**ATTORNEY'S DOCKET NUMBER
GIN-6529CPUS

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/019114INTERNATIONAL APPLICATION
PCT/JP00/03943INTERNATIONAL FILING DATE
16 June 2000 (16.06.00)PRIORITY DATE CLAIMED
02 July 1999 (02.07.99)

TITLE OF INVENTION

HUMAN PROTEINS HAVING HYDROPHOBIC DOMAINS AND DNAs ENCODING THESE PROTEINS

APPLICANT(S) FOR DO/EO/US

Seishi KATO, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C.371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. ☐ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). **(unexecuted) (4 Sheets);**
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98;
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
13. ☐ A **FIRST** preliminary amendment;
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: **PCT International Published Application (WO 01/02563 A2) (without International Search Report attached) (153 sheets); Corrected Version of Cover Sheet of PCT International Application (WO 01/02563 A3) (with International Search Report attached) (7 sheets); Check for \$1300 based on large entity status; Certificate of First Class Mailing (1 sheet); and Return Postcard.**

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|--|--|--|--|--|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/019114</div> | | INTERNATIONAL APPLICATION NO. PCT/JP00/03943 | | ATTORNEY'S DOCKET NO. GIN-6729CPUS | |
|--|--|--|--|--|--|

| 17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) .(a/o October 1, 2001): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1040 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$890 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.455(a)(2)) paid to USPTO\$740 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$710 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100 <div style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div> | CALCULATIONS PTO USE ONLY | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------------|--------------|--------------|------|--------------|---------|---|-----------|--------------------|-------|---|-----------|---|--|--|----------|--------------------------------------|--|--|-----------|--|--|
| | \$890.00 | | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$130.00 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">12-20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">2-3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">X \$84.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: center;">+ 280.00</td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: center;">\$1300.00</td> </tr> </table> | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | 12-20 = | 0 | X \$18.00 | Independent claims | 2-3 = | 0 | X \$84.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + 280.00 | TOTAL OF ABOVE CALCULATIONS = | | | \$1300.00 | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | | | |
| Total claims | 12-20 = | 0 | X \$18.00 | | | | | | | | | | | | | | | | | | | |
| Independent claims | 2-3 = | 0 | X \$84.00 | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + 280.00 | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | \$1300.00 | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL = | \$ | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | \$ | | | | | | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | \$1300.00 | | | | | | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | \$ | | | | | | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = | \$1300.00 | | | | | | | | | | | | | | | | | | | | | |
| | Amount to be: refunded | \$ | | | | | | | | | | | | | | | | | | | | |
| | charged | | | | | | | | | | | | | | | | | | | | | |

a. ☒ Check in the amount of \$ 1300.00 to cover the above fees is enclosed.

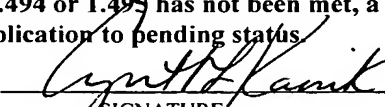
b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Amy E. Mandragouras, Esq.
LAHIVE & COCKFIELD, LLP
 28 State Street
 Boston, Massachusetts 02109
 United States of America
 (617)227-7400
Date: 21 December 2001



 SIGNATURE
Cynthia L. Kanik

 NAME
37,320

 REGISTRATION NUMBER

JC14 Rec'd PCT/PTO 21 DEC 2001
10/019114

(Atty. Docket No.: GIN-6729CPUS)

IN THE UNITED STATES PATENT DESIGNATED OFFICE (DO/US)
(National Phase of International Appln.: PCT/JP00/03943,
Publication No. WO 01/02563 A2)

In re the
application of: **Seishi KATO, et al.**

International Application No.: **PCT/JP00/03943**

International Filing Date: **16 June 2000**

U.S. Serial No.: **Not yet assigned**

Filed: **Herewith**

For: **HUMAN PROTEINS HAVING
HYDROPHOBIC DOMAINS AND DNAs
ENCODING THESE PROTEINS**

Attorney Docket No.: **GIN-6729CPUS**

Commissioner for Patents
BOX PCT
Washington, D.C. 20231

Certification Under 37 CFR 1.10

I hereby certify that the attached:

Transmittal Letter (2 sheets in duplicate); Unexecuted Declaration, Petition and Power of Attorney (4 sheets); PCT International Published Application (WO 01/02563 A2) (without International Search Report attached) (153 sheets); Corrected Version of Cover Sheet of PCT International Application (WO 01/02563 A3) (with International Search Report attached) (7 sheets); Check for \$1300 based on large entity status; Certificate of First Class Mailing (1 sheet); and Return Postcard are being deposited by me with the United States Postal Service "Express Mail Post Office to Addressee" service, Mailing Label No. **EL 892 219 763 US**, under 37 CFR 1.10 on the date indicated below and is addressed to the Box PCT, Commissioner for Patents, Washington, D.C. 20231.

Date: 21 December 2001

Name: Larry Taylor

Signature: 